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EXAMINER

FISCHER, ANDREW J

ART UNIT PAPER NUMBER

3627

DATE MAILED: 03/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/738,471

Applicant(s)

BLACK ET AL.

Examiner

Andrew J. Fischer

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 24-36 is/are pending in the application.
- 4a) Of the above claim(s) 35 and 36 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 24-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/8/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

Continued Examination Under 37 C.F.R. §1.114

1. A request for continued examination ("RCE") under 37 C.F.R. §1.114, including the fee set forth in 37 C.F.R. §1.17(e), was filed in this application on October 8, 2004. This application was under a final rejection (the "First Final Office Action" mailed September 9, 2003) and is therefore eligible for continued examination under 37 C.F.R. §1.114. Because the fee set forth in 37 C.F.R. §1.17(e) has been timely paid, the finality in the First Final Office Action has been withdrawn pursuant to 37 C.F.R. §1.114.

Acknowledgements

2. In accordance with the RCE noted above, Applicant's amendment filed October 8, 2004 is acknowledged. Accordingly, claims 24-36 remain pending.
3. Applicants' election of Group I (claims 24-33) in the reply filed on January 19, 2005 is acknowledged. Because Applicants did not distinctly and specifically point out the supposed errors in the restriction requirement in accordance with 37 C.F.R. §1.111(b), the election has been treated as an election without traverse. See MPEP §818.03(a).
4. Claims 35 and 36 are withdrawn from further consideration pursuant to 37 C.F.R. §1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made without traverse in the reply filed on January 19, 2005.
5. The examiner for this application has changed. Please indicate Examiner Andrew J. Fischer as the examiner of record in all future correspondences.

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6. This application in an image file wrapper ("IFW") application. Applicant(s)' response is therefore broken down before being placed into the IFW system (*i.e.* claims, remarks, drawings, etc. are separated and independently scanned). To ensure proper handling by the Examiner, the Examiner highly recommends Applicants place the application serial no (*e.g.* 06/123,456) in a header or footer (or other appropriate area) of *each* page submitted. At the very least, the Examiner highly recommends this practice for all pages listing the claims.

7. All references in this Office Action to the capitalized versions of "Applicants" refers specifically the Applicants of record. References to lower case versions of "applicant" or "applicants" refers to any or all patent "applicants." Unless expressly noted otherwise, references to "Examiner" in this Office Action refers to the Examiner of record while reference to or use of the lower case version of "examiner" or "examiners" refers to examiner(s) generally.

8. A first action on the merits was mailed on April 16, 2003 ("First Non Final Office Action").

Information Disclosure Statement

9. The information disclosure statement ("IDS") filed October 8, 2004 fails in part to comply with the provisions of 37 C.F.R. §1.97, 37 C.F.R. §1.98, and MPEP §609 because the date of publication is not found. The IDS been placed in the application file, but certain information referred to therein has not been considered as to the merits. In the past, the Examiner has initial such documents and used them in a rejection only to have applicant argue the date of the reference is not known. The Examiner will not revisit that scenario. Applicants are advised that the date of any re-submission of any item of information contained in this

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information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 C.F.R. §1.97(e). See MPEP §609 ¶ C(1).

Claim Rejections - 35 USC §101

10. 35 U.S.C. §101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

11. Claims 24-31 are rejected under 35 U.S.C. §101 because the claimed invention is directed to non-statutory subject matter. The basis of this rejection is set forth in a two-prong test:

- (1) The invention must be within the technological arts; and
- (2) The invention must produce a useful, concrete, and tangible result.

Prong (1) requires the claimed invention to be within the technological arts. See *In re Musgrave*, 431 F.2d 882, 167 USPQ 280, 289-90 (C.C.P.A. 1970); and *In re Johnston*, 502 F.2d 765, 183 USPQ 172, 177 (C.C.P.A. 1974). Mere abstract ideas (*i.e.*, laws of nature, natural phenomena) that do not apply, involve, use, or advance the technological arts fail to promote the “progress of science and the useful arts”¹ and are therefore non-statutory subject matter.²

¹ It is the Examiner’s position that “technological arts” is synonymous with “useful arts” as stated in the U.S. Constitution, Art. I, §8. See *In re Waldbaum*, 457 F.2d 997, 173 USPQ 430, 434 (C.C.P.A. 1972).

² *E.g.*, the physical sciences are statutory; *c.f.*, social sciences which are non-statutory

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For a process, the claimed process must somehow apply, involve, use, or advance the technological arts. Mere intended or nominal use of a component—albeit within the technological arts—does not confer statutory subject matter to an otherwise abstract idea if the component does not apply, involve, use, or advance the underlying process. In other words, if the invention in the body of the claim is not tied to a technological art, environment, or machine, the claim is non-statutory. *Ex parte Bowman*, 61 USPQ2d 1665, 1671 (B.P.A.I. 2001) (Unpublished). See also MPEP §2106 IV B. 2 (b) ii). The Examiner recommends (by way of example only) outputting the result to a device.

Claim Rejections - 35 USC §112 2nd Paragraph

12. The following is a quotation of the 2nd paragraph of 35 U.S.C. §112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

13. Claims 25, 26, 28, and 30 are rejected under 35 U.S.C. §112, 2nd paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are replete with errors. Some examples follow.

- a. IN claim 25, it is unclear the list of items recited is conjunctive or disjunctive.
- b. In claim 26, the phrase “statically associated” is indefinite.
- c. In claim 28, it is unclear if the phrase “webpage” is the same or different from the previously recited “web page.”
- d. In claim 30, it is unclear if the “plurality of second keywords” includes the second keyword as recited in claim 24.

Claim Rejections - 35 USC §102

14. The following is a quotation of the appropriate paragraphs of 35 U.S.C. §102 that form the basis for the rejections under this section made in this Office Action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States. . . .

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

15. Claims 24-34 are rejected under 35 U.S.C. §102(e) as being anticipated by Angles et. al. (U.S. 5,933,811)(“Angles”). Angles discloses the claimed analyzing a web page to obtain a first keyword (the user inputs ‘widget’ into a search engine); receiving (by the user) a second keyword (“price”) the second keyword being produced by analyzing products (widgets) in a product database (the table containing a list of products and their prices); associating the first key word with the second key word (the widget is associated with its price); obtaining at least one file representing at least one product (downloading search results and saving them to a file)

16. Claims 24-34 are rejected under 35 U.S.C. §102(e) as being clearly anticipated by Merriman et. al. (U.S. 5,948,061)(“Merriman”).

Claim Rejections - 35 USC §103

17. The following is a quotation of 35 U.S.C. §103(a) which forms the basis for all obviousness rejections set forth in this Office Action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

18. Claims 24-34 are alternatively rejected under 35 U.S.C. §103(a) as being unpatentable over Angles.³ It is the Examiner's principle position that the claims are anticipated because it is inherent that one can save the search results in a file.

However if not inherent, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify Angles to include downloading a file such as a user manual in PDF form. Such a modification would have allowed the user to view document about the product they inquired about before they make the purchase.

19. Claim 34 is alternatively rejected under 35 U.S.C. §103(a) as being unpatentable over Angles or Merriman. Because Invention I is not patentably distinct from Invention II and because Invention II is not patentably distinct from Invention I, the patentability of Invention II stands or falls with the patentability of Invention I.

20. After careful review of the specification and prosecution history, the Examiner is unaware of any desire—either expressly or implicitly—by Applicants to be their own lexicographer and to define a claim term to have a meaning other than its ordinary and accustomed meaning. Therefore, the Examiner starts with the heavy presumption that all claim limitations are given their ordinary and accustomed meaning. See *Bell Atlantic Network Services Inc. v. Covad Communications Group Inc.*, 262 F.3d 1258, 1268, 59 USPQ2d 1865, 1870 (Fed. Cir. 2001)(“[T]here is a heavy presumption in favor of the ordinary meaning of claim language

³ See MPEP §2112 expressly authorizing alternative §102/§103 rejections when the question of inherency is present in the anticipation rejection.

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as understood by one of ordinary skill in the art.”); *CCS Fitness Inc. v. Brunswick Corp.*, 288 F.3d 1359, 1366, 62 USPQ2d 1658, 1662 (Fed. Cir. 2002) (There is a “heavy presumption that a claim term carries its ordinary and customary meaning.”). See also MPEP §2111.01 and *In re Zletz*, 893 F.2d 319, 321, 13 USPQ2d 1320, 1322 (Fed. Cir. 1989).⁴

In accordance with the ordinary and accustomed meaning presumption, during examination the claims are interpreted with their “broadest reasonable interpretation” *In re Morris*, 127 F.3d 1048, 1054, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997). See also MPEP §2111.

However, if Applicants disagree with the Examiner and have either (a) already used lexicography or (b) wish to use lexicography and therefore (under either (a) or (b)) desire a claim limitation to have a meaning other than its ordinary and accustomed meaning, the Examiner respectfully requests Applicants in their next response to expressly indicate⁵ the claim limitation at issue and to show where in the specification or prosecution history the limitation is defined. Such definitions must be clearly stated in the specification or file history. *Bell Atlantic*, 262 F.3d at 1268, 59 USPQ2d at 1870, (“[I]n redefining the meaning of particular claim terms away from the ordinary meaning, the intrinsic evidence must ‘clearly set forth’ or ‘clearly redefine’ a claim

⁴ It is the Examiner’s position that “plain meaning” and “ordinary and accustomed meaning” are synonymous. See e.g. *Rexnord Corp. v. Laitram Corp.*, 274 F.3d 1336, 1342, 60 USPQ2d 1851, 1854 (Fed. Cir. 2001) (“[A]ll terms in a patent claim are to be given their plain, ordinary and accustomed meaning . . .”).

⁵ “Absent an *express intent* to impart a novel meaning, terms in a claim are to be given their ordinary and accustomed meaning. [Emphasis added.]” *Wenger Manufacturing Inc. v. Coating Mach. Sys., Inc.*, 239 F.3d 1225, 1232, 57 USPQ2d 1679, 1684 (Fed. Cir. 2001) (citations and quotations omitted). “In the absence of an *express intent* to impart a novel meaning to claim terms, an inventor’s claim terms take on their ordinary meaning. We indulge a heavy presumption that a claim term carries its ordinary and customary meaning. [Emphasis added.]”

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term so as to put one reasonably skilled in the art on notice that the patentee intended to so redefine the claim term").⁶ The Examiner cautions that no new matter is allowed.

Applicants are reminded that failure by Applicants in their next response to properly traverse this issue in accordance with 37 C.F.R. §1.111(b) or to be non-responsive to this issue entirely will be considered a desire by Applicants to forgo lexicography in this application and to continue having the claims interpreted with their broadest reasonable interpretation.⁷ Additionally, it is the Examiner's position that the above requirements are reasonable.⁸ Unless expressly noted otherwise by the Examiner, the preceding discussion on claim interpretation principles applies to all examined claims currently pending.

Teleflex Inc. v. Ficosa North America Corp., 299 F.3d 1313, 1325, 63 USPQ2d 1374, 1380 (Fed. Cir. 2002) (citations and quotations omitted).

⁶ See also *Vitronics Corp. v. Conceptor, Inc.*, 90 F.3d 1576, 1582, 39 USPQ2d 1573, 1576 (Fed. Cir. 1996), ("[A] patentee may choose to be his own lexicographer and use terms in a manner other than their ordinary meaning, *as long as* the special definition of the term is *clearly stated* in the patent specification or file history. [Emphasis added.]"); *Multiform Desiccants Inc. v. Medzam Ltd.*, 133 F.3d 1473, 1477, 45 USPQ2d 1429, 1432 (Fed. Cir. 1998) ("Such special meaning, however, must be sufficiently clear in the specification that any departure from common usage would be so understood by a person of experience in the field of the invention."). See also MPEP §2111.01, subsection titled "Applicant May Be Own Lexicographer" and MPEP §2173.05(a) titled "New Terminology."

⁷ See 37 C.F.R. §1.104(c)(3) which states in part: "the examiner may rely upon admissions by applicant . . . as to *any matter* affecting patentability [Emphasis added.]"

⁸ The Examiner's requirements on this matter are reasonable on at least two separate and independent grounds. First, the Examiner's requirements are simply an express request for clarification of how Applicants intend their claims to be interpreted so that lexicography (or even an *attempt* at lexicography) by Applicants is not inadvertently overlooked by the Examiner. Second, the requirements are reasonable in view of the USPTO's goals of compact prosecution, productivity with particular emphasis on reductions in both pendency and cycle time, and other goals as outlined in the USPTO's The 21st Century Strategic Plan, February 3, 2003 available at www.uspto.gov/web/offices/com/strat21/index.htm (last accessed March 14, 2005).

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21. To the extent that the Examiner's interpretations are in dispute with Applicants' interpretations, the Examiner hereby adopts the following definitions—under the broadest reasonable interpretation standard—in all his claim interpretations.⁹ Moreover, while the following list is provided in accordance with *In re Morris*, the definitions are a guide to claim terminology since claim terms must be interpreted in context of the surrounding claim language.¹⁰ Finally, the following list is not intended to be exhaustive in any way:

File “A complete, named collection of information, such as a program, a set of data used by a program, or a user-created document. A file is the basic unit of storage that enables a computer to distinguish one set of information from another.” Computer Dictionary, 3rd Edition, Microsoft Press, Redmond, WA, 1997.¹¹

Internet “The worldwide collection of networks and gateways that use the TCP/IP suite of protocols to communicate with one another. At the heart of the Internet is a backbone of high-speed data communication lines between major nodes or host computers, consisting of

⁹ While most definitions are cited because these terms are found in the claims, the Examiner may have provided additional definitions to help interpret words, phrases, or concepts found in the definitions themselves or in the prior art.

¹⁰ See e.g. *Brookhill-Wilk 1 LLC v. Intuitive Surgical Inc.*, 334 F.3d 1294, 1300, 67 USPQ2d 1132, 1137 (Fed. Cir. 2003) (abstract dictionary definitions are not alone determinative; “resort must always be made to the surrounding text of the claims in question”).

¹¹ Based upon Applicant(s)' disclosure, the art of record, and the knowledge of one of ordinary skill in this art as determined by the factors discussed in MPEP §2141.03 (where practical), the Examiner finds that the *Microsoft Press Computer Dictionary* is an appropriate technical dictionary known to be used by one of ordinary skill in this art. See e.g. *Altiris Inc. v. Symantec Corp.*, 318 F.3d 1363, 1373, 65 USPQ2d 1865, 1872 (Fed. Cir. 2003) where the Federal Circuit used the *Microsoft Press Computer Dictionary* (3d ed.) as “a technical dictionary” to define the term “flag.” See also *In re Barr*, 444 F.2d 588, 170 USPQ 330 (CCPA 1971) (noting that its appropriate to use technical dictionaries in order to ascertain the meaning of a term of art) and MPEP §2173.05(a) titled ‘New Terminology.’

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thousands of commercial, government, educational, and other computer systems, that route data and messages.” *Id.*

Computer: “Any machine that does three things: accepts structured input, processes it according to prescribed rules, and produces the results as output.” *Id.* *Server*: “2. On the Internet or other network, a computer or program that responds to commands from a client.” *Id.* *Client*: “3. On a local area network or Internet, a computer that accesses shared network resources provided by another computer (called a server).” *Id.*

Data “Plural of the Latin datum, meaning an item of information. In practice, data is often used for the singular as well as plural the form of the noun.” *Id.*

Web page “A document on the World Wide Web. A Web page consists of an HTML file, with associated files for graphics and scripts, in a particular directory on a particular machine (and thus identifiable by a URL). Usually a Web page contains links to other Web pages. See *also* URL. *Id.*

World Wide Web “The total set of interlinked hypertext documents residing on HTTP servers all around the world. Documents on the World Wide Web called pages or Web pages, are written in HTML (Hypertext Markup Language), identified URLs (Uniform Resource Locators) that specify the particular machine and pathname by which a file can be accessed, and transmitted from node to node to the end user under HTTP (Hypertext Transfer Protocol). Codes, called tags, embedded in an HTML document associate particular words and images in the document with URLs so that a user can access another file, which may be half way around the world, at the press of a key or click of a mouse. These files may contain text (in a variety of fonts and styles), graphic images, movie files, and sounds as well as Java applet, ActiveX

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controls, or other small embedded software programs that execute when a user activates them by clicking on a link. A user visiting a Web page also may be able to download files from an FTP site and send messages to other users via e-mail by using links on the Web page. The World Wide Web was developed by Timothy Berners-Lee in 1989 for the European Laboratory for Particle Physics (CERN). *Acronym: WWW (W 'W-W'), Also called w³, W3, Web. See also* ActiveX controls, HTML, HTTP, HTTP server (definition 2), Java applet, URL.

For "1 a — used as a function word to indicate purpose <a grant ~ studying medicine>"
Merriam-Webster's Collegiate Dictionary, 10th Edition, Merriam-Webster Inc., Springfield, M.A., 1997.

Associate: "1: closely connected with one another . . ." Id.

Information "2 a . . . (3): FACTS, DATA . . ." Id.

Product "2 a : something produced," Id.

22. Because applicants frequently misunderstand the historical order of definitions and their corresponding senses, the following excerpts from the "Explanatory Notes" in Merriam-Webster's Collegiate Dictionary are provided:

Definitions

Division of Senses

A boldface colon is used in this dictionary to introduce a definition. . . . It is also used to separate two or more definitions of a single sense. . . . Boldface Arabic numerals separate senses of a word that has more than one sense. . . . Boldface lowercase letters separate the subsenses of a word. . . . Lightface numerals in parentheses indicate a further division of senses. . . .

Order of Senses

The order of senses within an entry is historical: the sense known to have been first used in English is entered first. This is not to be taken to mean, however, that each sense of a multisense word developed from the immediately preceding sense. It is altogether possible that sense 1 of a word has given rise to

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sense 2 and sense 2 to sense 3, but frequently sense 2 and sense 3 may have risen independently of one another from sense 1.

When a number sense is further subdivided into lettered subsenses, the include of particular subsenses with a sense is based upon their semantic relationship to one another, but their order is likewise historical: subsense 1a is earlier than subsense 1b, 1b is earlier than 1c, and so forth. Divisions of subsenses indicated by lightface numerals in parentheses are also in historical order with respect to one another. Subsenses may be out of historical order, however, with respect to the broader numbered senses. Merriam-Webster's Collegiate Dictionary, pp 19a-20a.

Response to Arguments

23. Applicants' arguments filed March 8, 2004 have been fully considered but they are not persuasive. Additionally, Applicants' arguments with respect to the prior art have also been considered but are moot in view of the new grounds of rejection.

Conclusion

24. References considered pertinent to Applicants' disclosure are listed on form PTO-892. Unless expressly noted otherwise by the Examiner, all references listed on form PTO-892 are cited in their entirety.

25. The following two (2) citations to the Manual of Patent Examining Procedure ("MPEP") apply to this Office Action: MPEP citations to Chapters 100, 200, 500, 600, 700, 1000, 1100, 1300, 1400, 1500, 1700, 1800, 2000, 2100, 2200, 2500, 2600, and 2700 are from the MPEP 8th Edition, Rev. 2, May 2004. All remaining MPEP citations are from MPEP 8th Edition, August 2001.

26. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

27. In accordance with *In re Lee*, 277 F.3d 1338, 1344-45, 61 USPQ2d 1430, 1434-35 (Fed. Cir. 2002), the Examiner finds that the references How Computers Work Millennium Ed. by Ron White; How Networks Work, Millennium Ed. by Frank J. Derfler et. al.; and How the Internet Works, Millennium Ed. by Preston Gralla are additional evidence of what is basic knowledge or common sense to one of ordinary skill in this art. Each reference is cited in its entirety. Moreover, because these three references are directed towards beginners (see e.g. "User Level Beginning . . ."), because of the references' basic content (which is self-evident upon review of the references), and after further review of the entire application and all the art now of record in conjunction with the factors as discussed in MPEP §2141.03 (where practical), the Examiner finds that these three references are primarily directed towards those of low skill in this art. Because these three references are directed towards those of low skill in this art, the Examiner finds that one of ordinary skill in this art must—at the very least—be aware of and understand the knowledge and information contained within these three references.

28. Also in accordance with *In re Lee*, the Examiner finds that the Borland's Paradox for Windows User's Guide and Borland's ReportSmith for Windows User's Guide, are additional evidence of what is basic knowledge or common sense to one of ordinary skill in this art. The references are cited in their entirety. Paradox for Windows User's Guide and ReportSmith for Windows User's Guide, exemplify a typical relational database system and the tables, queries,

and reports possible from such a system. Because of the references' basic content (which is self-evident upon examination of the references) and after further review of the entire record including the prior art now of record in conjunction with the factors as discussed in MPEP §2141.03 (where practical), the Examiner finds that the Paradox for Windows User's Guide and ReportSmith for Windows User's Guide are primarily directed towards those of low skill in this art. Because these two references are directed towards those of low skill in this art, the Examiner finds that one of ordinary skill in this art must—at the very least—be aware of and understand the knowledge and information contained within these two references.

29. In accordance with the USPTO's goals of customer service, compact prosecution, and reduction of cycle time, the Examiner has made every effort to clarify his position regarding claim interpretation and any rejections or objections in this application. Furthermore, the Examiner has again provided Applicants with notice—for due process purposes—of his position regarding his factual determinations and legal conclusions. The Examiner notes and thanks Applicants for their "Remarks" (Paper No. 6) traversing the Examiner's positions on various points. If Applicants disagree with any additional factual determination or legal conclusion made by the Examiner in this Office Action whether expressly stated or implied,¹² the Examiner respectfully reminds Applicants to properly traverse the Examiner's position(s) in accordance with 37 C.F.R. §1.111(b) in their next properly filed response. By addressing these issues now, matters where the Examiner and Applicants agree can be eliminated allowing the Examiner and Applicants to focus on areas of disagreement (if any) with the goal towards allowance in the shortest possible time. If Applicants have any questions regarding the Examiner's positions or

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have other questions regarding this communication or even previous communications, Applicants are strongly encouraged to contact Examiner Andrew J. Fischer whose telephone number is (703) 305-0292. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's immediate supervisor, Robert Olszewski, can be reached at (703) 308-5183. The fax number for facsimile responses is now (703) 872-9306.



Andrew J. Fischer
Primary Examiner
Art Unit 3627

AJF
March 14, 2005

¹² *E.g.*, if the Examiner rejected a claim under §103 with two references, although not directly stated, it is the Examiner's implied position that the references are analogous art.